Setting up of energy park at Yavatmal in Maharashtra

3095. SHRI VIJAY J. DARDA:
SHRIMATI SYEDA ANWARA TAIMUR:

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether it is a fact that Maharashtra Energy Development Agency, Pune had sometime back submitted to the Central Government a proposal to set up a District level Energy Park at Yavatmal, Maharashtra for approval:

(b) if so, at what stage the matter stands now; and

(c) by when the proposal is likely to be cleared by the Central Government?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI VILAS MUTTEMWAR): (a) to (c): Yes, Sir. A District—level Energy Park at Jawahar Lal Darda Institute of Engineering and Technology, Lohara, Yavatmal District in Maharashtra has already been sanctioned.

Wind energy potential

3096. SHRI SANJAY RAUT: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether it is a fact that our country has enormous potential for wind energy;

(b) if so, details thereof and what are the project costs and capacity of wind energy;

(c) whether Government find any difficulties in installing these projects in country's every taluka; and

(d) if so, Government's response thereto and the steps taken for installing more wind power generation projects in the country?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI VILAS MUTTEMWAR): (a) and (b) A gross wind power potential of over 45,000 MW has been estimated in the country. The State-wise details are given in the Statement. (*See* below) capital cost of wind power projects varies from Rs. 4.5 crore to Rs. 5.0 crore per MW depending upon the location. Wind Power Projects

with an aggregate installed capacity of 5340 MW have been set up in the country till 31st March, 2006.

(c) Setting up of Wind power projects is feasible only at locations which have the requisite wind speed, availability of electricity grid and power evacuation facilities. Therefore, it may not be possible to install such projects in every taluka of the country.

(d) The steps taken by the Government to promote setting up of wind power projects include concessional import duty for wind electricity generator sub-systems, excise duty exemption, ten years tax holiday on power projects, benefit of accelerated depreciation and loan from Indian Renewable Energy Development Agency (IREDA) and other financial institutions. Wind resource assessment studies are supported in various states for identifying new areas for deployment of wind power projects. Resource assessment, Testing & Certification and R & D support are being provided by the Centre for Wind Energy Technology (C-WET), Chennai, which is an autonomous institution under the administrative control of this Ministry.

Statement

State-wise estimated gross wind energy potential in the country

Sl.No	State	Gross Potential (MW)
1.	Andhra Pradesh	8275
2.	Gujarat	9675
3.	Karnataka	6620
4.	Kerala	875
5.	Madhya Pradesh	5500
6.	Maharashtra	3650
7.	Orissa	1700
8.	Rajasthan	5400
9.	Tamil Nadu	3050
10.	West Bengal	450
	TOTAL:	45195